

AD-4322 MKII

weighing indicator

High Performance Weighing Indicator with Memory and Total Computer Control

The AD-4322 MKII offers a wide range of advanced functions. A high display resolution of 1/20,000, Memory +, -, ID Code and many other functions make the AD-4322 the ideal choice for Bench, Floor, Checkweighing and Weigh-In/Out Systems.

Tare Memory / Code Memory

Up to 50 tare values may be assigned ID numbers (8 digits) and stored in the Tare Memory. In addition, the AD-4322 can store up to 100 eight digit codes, each containing Tare Weight Value, Low Limit Setpoint, High Limit Setpoint and Code Total.

Comparator Function

Displays "Under, Accept and Over" prominently on the indicator display, alerting the operator of the in/out-of-tolerance status of the package being weighed.

Advanced Connectivity

RS-232C Interface Option, Built-in Printer Option, Digital Clock/Date Option, Digital Filtering.

Digital Linearization

The AD-4322 MKII has 3 point digital calibration to improve overall linearity, assuring maximum system accuracy.

Gravity Compensation

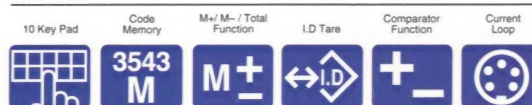
Ensures accurate weighing when your scale is shipped from one location to another.

Truck Scale Mode

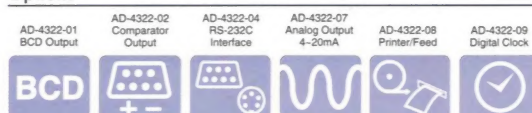
Use for standard truck weighing or in/out weighing. Enter the tare weight of preloaded trucks or recall previously entered tare weights and accumulated code totals from the 100 number Code Memory.



Standard



Options



- High Display Resolution of 1/20,000
- Full Digital Calibration
- M+ / M- / Total Function
- Code Memory, ID/Tare Function
- Fast Sample Rate 16 times per second
- 10-key pad for entry of numerical data
- Clearly marked Annunciators
- Dual Display
- Digital Filtration – Four levels of selectable Stability Filtration.
- Legal for Trade NTEP Approval



AND
A&D WEIGHING
...Clearly a Better Value

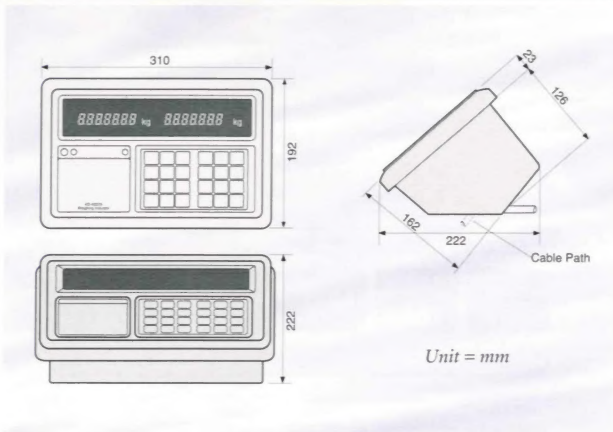
AD-4322 MKII

Specifications:

Analog Input and A/D Conversion	Digital Section	General
Load Cell Excitation 12V DC $\pm 5\%$, 280mA (up to 8 load cells at 350 /load cell) Zero Adjustment Range $-6\text{mV} \sim +30\text{mV}$ Input Sensitivity $0.6\mu\text{V/D}$ or greater Non-Linearity $\pm 0.01\%$ of full scale Temperature Coefficient Zero $\pm (0.2\mu\text{V} + 0.0008\%$ of dead load)/ $^{\circ}\text{C}$ Span $8\text{ppm}/^{\circ}\text{C}$ of reading Input Impedance $10\text{M}\Omega$ minimum Input Noise $\pm 0.3\mu\text{Vp-p}$ Conversion Method 3 phase, true integrating dual-slope type A/D Resolution 330,000 counts (maximum) A/D Conversion Rate Approximately 16 times /second	Weight Display 13mm, 7 digits, High intensity blue fluorescent Tare Display 11mm, 8 digits High intensity blue fluorescent Display Resolution 20,000 counts (maximum) Under ZERO Indication "—" minus sign Annunciators Centre of Zero, Motion detection, Net/Gross, Tare Entered, kg, lb (lb or kg version), t (kg or t version) Switches Standby/Operate, Zero, Tare Net/Gross, Print, Code, ID/Tare, Clear, Enter, M+, M-, Total, Feed Minimum Division X1, X2, X5, X10, X20, X50 Maximum Display "999950"	Power 120 V AC $\pm 10\%$ / -15% 50/60Hz Memory Battery Backup Lithium, over 6 years without AC power Operating Temperature $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$ Storage Temperature $-15^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Operating Humidity Less than 85% RH (Non-Condensing) Net Weight Approximately 3.5kg Physical Dimensions 310(W) x 149(D) x 192(H) mm Panel Cutout $294 \pm 1.0 / -0(W) \times$ Dimensions $174 \pm 0.5 / -0(H)$ mm Standard Accessories Manual, Fuse, Capacity Sticker, Serial Connector, Load Cell Connector

The AD-4322 MKII... Meeting the Demands of Today's Weighing Market

Dimensions:



Features:

- Digital Linearization
- Comparator Function
- Tare/Code Memory
- 2 Weight Displays
- Gravity Compensation
- Full Digital Calibration
- Checkweigh Mode
- 12 Key Function Selection

AD-8118B Basic Printer

This quiet and speedy Universal dot matrix printer has a full range of statistical functions. Built-in timer/clock/calendar functions for detailed printouts and timed interval printing. Charting selectable to show change in weight, interval time, etc. Battery or AC adaptor operation. Accepts RS-232C or Current Loop output



Options:

- AD-4322-01 Parallel BCD Output
- AD-4322-01A BCD Output TTL Level (Board Mod.)
- AD-4322-02 External I/O
- AD-4322-04 RS-232C Interface
- AD-4322-07 Analog Output (4~20mA)
- AD-4322-08 Built in printer with feed, 24 digit/line
- AD-4322-09 Digital Clock for Option AD-4322-08
- AD-4322-10 Panel mounting kit
- AD-4322-11 Wall mounting kit

AD-1131 Universal Printer

- Basic printing functions
- Clear impact dot matrix print
- Accepts RS-232C input from A&D's scales, balances or indicators
- Selectable Language Print
- Internal rechargeable battery or AC Operation (both included)



Your Authorized A&D Distributor:

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